

ARGONNE NATIONAL LABORATORY

INTRA-LABORATORY MEMO

December 3, 2003

TO: J. Behrndt, J. Carwardine, R. Emerson, M. Fagan, N. Friedman, P. McNamara, V. Nguyen, J. Servino, S. Ross

SUBJECT: Generation-3 Meeting Minutes for December 3, 2003

- Roy was just informed that Mohan will be building all three stations.
 - We should have them by March 04.
- Key Focal Points:
 - Requirements Document
 - We now need User Requirements for all three stations.
- Mike Fagan: Requirements Documentation
 - 2.3 and 2.5: Mike has asked for comments and suggestions.
 - 2.3: Mike noted that it is important to have all the summarizes matching the documents.
 - ESD = has to be validated
 - Not ESD = must still work, but no validated.
 - Lab mandate = put on by lab, but we have say on it.
 - DOE mandate = we cannot touch.
- It was decided that there will be a meeting on Monday to go over all of the comments regarding 2.3 and 2.5.
- It was suggested to Mike that a reference section should follow the section with mandates. The reference section should be in the back.
- Steve Ross: Schematics
 - FERDP schematics are on the shared drive.
 - 16 U schematic is also on the shared drive.
 - Block diagram is up-to-date.
 - Mechanical layout will be done in the next few weeks.
 - A baseline set up documents should be ready by January.
- Project schedule
 - System Requirements, December 17, 2003.
 - Functional Diagram, December 10, 2003.
 - Beamline Configuration – is posted on the web.
 - Interface Control Document, December 17, 2003.
 - PSS mezzanine Controls – a design package is together without FERDP.

- A discussion was brought up again regarding the FERDP in the front of the rack. It was decided at this meeting that the FERDP will be put in the front of the rack and the power supplies will move to the back of the rack.
- Steve has committed to having the Rack layout by January 15, 2004.
- The Front-end Simulator Test Boxes are being replaced by the Fagan Diodes.
- The Lab Prototype Systems needs to be ready by February 15, 2004.
- January 15 – February 15 the Block Diagram should be finalized.